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2	22676	((707/1-10) or (707/100-104.1) or (707/200-205) or (370/229) or (370/235) or (370/238) or (370/351) or (370/389) or (370/392) or (704/9) or (705/1-4) or (705/25-26) or (706/45) or (709/200) or (709/217-218) or (709/223-224)) .CCLS.	USPAT
3	13	database\$1 and (record\$1 or row\$1 or tuple\$1) and match\$4 and weight\$4 and Boolean and ordinal and ((vector\$6 or segment\$5 or section\$5) adj4 match\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	12	(database\$1 and (record\$1 or row\$1 or tuple\$1) and match\$4 and weight\$4 and Boolean and ordinal and ((vector\$6 or segment\$5 or section\$5) adj4 match\$4)) and frequenc\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

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6	3	((database\$1 and (record\$1 or row\$1 or tuple\$1) and match\$4 and weight\$4 and Boolean and ordinal and ((vector\$6 or segment\$5 or section\$5) adj4 match\$4)) and frequenc\$3) and (@ad < "20010307")) and (((707/1-10) or (707/100-104.1) or (707/200-205) or (370/229) or (370/235) or (370/238) or (370/351) or (370/389) or (370/392) or (704/9) or (705/1-4) or (705/25-26) or (706/45) or (709/200) or (709/217-218) or (709/223-224)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	6	((database\$1 and (record\$1 or row\$1 or tuple\$1) and match\$4 and weight\$4 and Boolean and ordinal and ((vector\$6 or segment\$5 or section\$5) adj4 match\$4)) and frequenc\$3) and (@ad < "20010307")) not (((database\$1 and (record\$1 or row\$1 or tuple\$1) and match\$4 and weight\$4 and Boolean and ordinal and ((vector\$6 or segment\$5 or section\$5) adj4 match\$4)) and frequenc\$3) and (@ad < "20010307")) and (((707/1-10) or (707/100-104.1) or (707/200-205) or (370/229) or (370/235) or (370/238) or (370/351) or (370/389) or (370/392) or (704/9) or (705/1-4) or (705/25-26) or (706/45) or (709/200) or (709/217-218) or (709/223-224)).CCLS.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

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4	13	13 and boolean	USPAT; US-PGPUB ; EPO; JPO; DERWENT; IBM_TDB
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3	2	18 and tuple\$1	USPAT; US-PGPUB ; EPO; JPO; DERWENT; IBM_TDB
4	1	19 and (match\$6 or similar\$3)	USPAT; US-PGPUB ; EPO; JPO; DERWENT; IBM_TDB

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ordinal and vector-based and Boolean and

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... **match**(a 2i ,a 2j ) + ... w n \***match**(a ni ,a nj ) Our system will support three different types of matching: 1) strict **Boolean**, 2) **ordinal**, or 3) **vector-based**. ...[www.mitrecaasd.org/library/papers/afc00425.pdf](http://www.mitrecaasd.org/library/papers/afc00425.pdf) - [Similar pages](#)[\[PDF\] Vector Overlay Processing - Specific Theory](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)... they **Boolean**, Ratio, Interval, **Ordinal**, or Nominal. ... Overlay Processing - Algorithms Since **vector-based** topological map ... can be written in **boolean** algebraic form ...[www.sli.unimelb.edu.au/gisweb/VOModule/VO\\_Theory.pdf](http://www.sli.unimelb.edu.au/gisweb/VOModule/VO_Theory.pdf) - [Similar pages](#)[\[PDF\] Spatially-Aware Information Retrieval on the Internet](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)... be on the presentation of spatial objects used a **vector-based** approach ... **Ordinal**. ... proposed, implementing a retrieval strategy, such as the **Boolean** model, the ...[www.geo-spirit.org/publications/SPIRIT\\_WP5\\_D8.pdf](http://www.geo-spirit.org/publications/SPIRIT_WP5_D8.pdf) - [Similar pages](#)[whatisgis](#)... uses names as labels (2) **Ordinal** Scale shows ... **Vector-Based** GIS Data Processing Vector GIS Capabilities. ... GE, and LE), arithmetic (=, +,x,/), and **Boolean** (and, or ...[www.ggy.uga.edu/courses/geog4370/lect-outline.html](http://www.ggy.uga.edu/courses/geog4370/lect-outline.html) - 101k - [Cached](#) - [Similar pages](#)[\[DOC\] EVALUATING VISUALIZATIONS: USING A TAXONOMIC GUIDE](#)File Format: Microsoft Word 2000 - [View as HTML](#)... **Vector-based** visualizations can show users all the documents that ... for each of the possible **Boolean** combinations of ... is only possible for scalar and **ordinal** data ...[www2.sis.pitt.edu/~mlewis/ijhcs\\_sub.doc](http://www2.sis.pitt.edu/~mlewis/ijhcs_sub.doc) - [Similar pages](#)[\[PS\] Indexing for Fast Categorisation Vaughan R. Shanks Hugh E. ...](#)File Format: Adobe PostScript - [View as Text](#)... weight formula is a state-of-the- art **vector-based** ranking measure ... to support the well-known ranked and **Boolean** query paradigms. ... **ordinal** category number and w. ...[www.seg.rmit.edu.au/research/download.php?manuscript=15](http://www.seg.rmit.edu.au/research/download.php?manuscript=15) - [Similar pages](#)[\[DOC\] COMP 14: Class Notes](#)File Format: Microsoft Word 2000 - [View as HTML](#)... An **ordinal** type is a primitive type with the following properties ... public **boolean** member(String element ... exception if the actual type, T2, does not **match** the type ...[www.cs.unc.edu/~dewan/comp114/f03/notes/4Inheritance.doc](http://www.cs.unc.edu/~dewan/comp114/f03/notes/4Inheritance.doc) - [Similar pages](#)[\[PDF\] WM API S O](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)[www.a-frame.com/HTMDOcs/PDF/APIset.pdf](http://www.a-frame.com/HTMDOcs/PDF/APIset.pdf) - Supplemental Result - [Similar pages](#)[\[PDF\] Microsoft PowerPoint - Mid\\_term\\_03.ppt](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)... Spatial Data Models: **Vector - based** on linear ... Week five Data Classification Nominal **Ordinal** Interval Ratio ... Data Models Query Operations **Boolean** concepts are ...

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... either similar or not similar (f **Boolean** (x, y ... case-based systems are continuous, **ordinal**, nominal, and ... of the tests." The fuzzy **vector based** retrieval agreed ...

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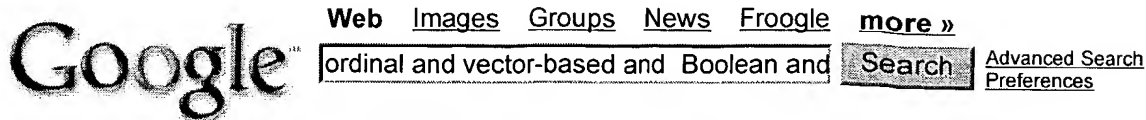
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#### Chapter 4 - Title

... conceptual proximity, rather than precise by **Boolean** logic. ... get its **ordinal** number  
-> \$sentencenum. ... Conversant II constructs a search **vector based** on conceptual ...  
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... in the cartographic tradition of some **vector-based** format, and ... and binary spatial  
operators with **Boolean**, scalar, or ... sets of symbols on an **ordinal** and nominal ...  
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... include Environmental Science Research Institute's **vector-based** ARC/INFO ... **Boolean**  
logic includes, and, or, xor, and ... System interfaces designed to **match** the user ...  
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... 1989, p. 12). Clearly, from the modelers' viewpoint, the available data  
does not **match** the needs of the modelers. Modelers are being ...  
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Page 1. Modelling Context in Information Brokering Processes Von der  
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... the permute function, which permutes a **vector based** on a ... The **boolean** type bool can  
have one of two ... **ordinal** = bool, int, char number = int, float logical = bool ...  
[reports-archive.adm.cs.cmu.edu/anon/usr0/anon/home/ftp/usr/anon/1992/CMU-CS-92-103.ps](http://reports-archive.adm.cs.cmu.edu/anon/usr0/anon/home/ftp/usr/anon/1992/CMU-CS-92-103.ps) - Supplemental  
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... floating point numbers representing nominal, **ordinal**, interval, or ... data is not available  
in **vector-based** processing ... on the records resulting from **Boolean** queries ...  
[www.ce.utexas.edu/prof/maidment/gishyd97/library/smith/Sect3.pdf](http://www.ce.utexas.edu/prof/maidment/gishyd97/library/smith/Sect3.pdf) - [Similar pages](#)

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by Peter Neil Hynd Smith, PE, B.Eng. and David R. Maidment, Ph ...

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... or "Sick". 5. A flag for "entire image", expressed as a **boolean**  
value of either yes or no. This should look familiar. It ...

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... working on computer solutions to **match** their speci ... cartographic tradition of some **vector-based** format, and ... binary spatial operators with **Boolean**, scalar, or ...

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... comparisons even more useful because an author can make searches **match** user expectations ... Composition

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... queries with an absolute, true/false, **Boolean** meeting of ... Web (WWW) GIS systems to discover how the **match** between the ... as colors; and A2, an **ordinal** scale which ...

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... The more advanced way to handle selections is to allow the user to combine the current selection with a new selection with **boolean** functions like and, or ...

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... the problem of binary relevance in **Boolean** models, **vector** ... The framework of the **vector-based** model consists of ... a list that indicates in what **ordinal** positions in ...

perun.si.umich.edu/~radev/papers/report.ps - [Similar pages](#)

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... There are many full-featured, **vector-based** drawing packages available ... 12), and the **ordinal** names of ... Private Sub Form\_Load() Dim fAreaChart As **Boolean** 'Set the ...  
[www.tts.tomsk.su/personal/~miha/books/VB4DB/ddg08.htm](http://www.tts.tomsk.su/personal/~miha/books/VB4DB/ddg08.htm) - 101k - Supplemental Result - [Cached](#) - [Similar pages](#)

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... and a document, measured on n **ordinal** scales (eg ... be easily compared to the **boolean** expression specified ... Exact **match** text filtering systems typically provide an ...

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... include: A dimensionality reduction of **vector-based** document representations ... Even the **Boolean** model of retrieval, in which documents either **match** the logic ...

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... include morphophonemes, idioms and stock phrases, the alphabet, the **ordinal** and cardinal ... Over the last decade, the Prediction by Partial **Match** (ppm) method has ...

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... 71 10.5.2 Short-circuit **Boolean** Operators ... error: number of rows must **match** near line 13, column 6 (assuming that this expression was entered as the first thing ...

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... 70 10.5.2 Short-circuit **Boolean** Operators ... error: number of rows must **match** near line 13, column 6 (assuming that this expression was entered as the first thing ...

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... 10.5.2 Short-circuit **Boolean** Operators ... error: number of rows must **match** near line 13, column 6 (assuming that this expression was entered as the first thing on ...

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**1 Experiences in mining aviation safety data**

Zohreh Nazeri, Eric Bloedorn, Paul Ostwald

May 2001 ACM SIGMOD Record , Proceedings of the 2001 ACM SIGMOD internatic  
Volume 30 Issue 2

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Additional Information: full citation, abstract, refere

The goal of data analysis in aviation safety is simple: improve goal is hard to identify. What data mining methods are most a are available and how should they be analyzed? How do we fo Our answers to these questions are based on a recent research encouraging news is that we found a number of aviation safety to collect and analyze safe ...

## 2 Data mining aided signature discovery in network-based intrusion detection

Hong Han, Xian Liang Lu, Jun Lu, Chen Bo, Ren Li Yong

October 2002

ACM SIGOPS Operating Systems Review, Volume 36 Issue 4

Full text available:  pdf(467.17 KB)

Additional Information: full citation, abstract

In Network-based Intrusion Detection, signatures discovery is an important issue. A detection system heavily depends on accuracy and abundance of signatures. If signatures are discovered manually, this is a time-consuming and error-prone work. Some papers propose automatic signature discovery in Network-based Intrusion Detection System. However, there are some drawbacks in these schemes. We propose a new method for supporting signature discovery in network-based intrusion detection system.

Keywords: data mining, intrusion detection system, network-based intrusion detection

## 3 The HCV induction algorithm

Xindong Wu

March 1993

Proceedings of the 1993 ACM conference on Computer science

Full text available:  pdf(890.43 KB)

Additional Information: full citation, abstract, references

HCV is a heuristic attribute-based induction algorithm based on the newly-developed HCV algorithm. It divides the positive examples (PE) of a specific class in a given example set into several groups. For each group, it finds a heuristic conjunctive formula in each group which covers all the positive examples (PE) of the group. Then, for each group of the negative examples (NE), it can find a covering formula in form of variable.

## 4 Regular papers: Multi-topic multi-document summarization

Utiyama Masao, Hasida Kôiti

July 2000

Proceedings of the 17th conference on Computational linguistics - Volume 1

Full text available:  pdf(599.92 KB)

Additional Information: full citation, abstract



Summarization of multiple documents featuring multiple topics is discussed. This paper describes a method for summarizing multiple documents. The method is applied to articles about the Peru hostage incident for December 1996 through April 1997. The method proposed in this paper is based on the method of summarizing documents syntactically and semantically annotated with GDA (Global Document Annotation). The method finds important documents and important paragraphs in the documents.

## 5 Session: The TIPSTER SUMMAC Text Summarization Evaluation

Inderjeet Mani, David House, Gary Klein, Lynette Hirschman, Therese Firmin, Beate Hemminger


June 1999



Proceedings of the ninth conference on European chapter of the Association for Computational Linguistics

Full text available:  pdf(775.59 KB)  Publisher Site


Additional Information: full citation

The TIPSTER Text Summarization Evaluation (SUMMAC) has established a standard for evaluating text summarization systems. It is very effective in relevance assessment tasks. Summaries as short as 17% of the original text can be generated with almost a factor of 2 with no statistically significant degradation in F-score accuracy. The method proposed in this paper is an intrinsic method for automated evaluation of informative summaries.



- 6 The automatic construction of large-scale corpora for summarization rese  
Daniel Marcu  
August 1999 Proceedings of the 22nd annual international ACM SIGIR conference  
information retrieval  
Full text available:  pdf(122.54 KB) Additional Information: full citation, references, c

- 7 Student session paper: Improving summaries by revising them  
Inderjeet Mani, Barbara Gates, Eric Bloedorn  
June 1999 Proceedings of the 37th conference on Association for Computation  
Full text available:  pdf(838.16 KB)  Publisher Site Additional Information: full cite

This paper describes a program which revises a draft text by aggregating toge  
addition to deleting extraneous information. In contrast to knowledge-rich sen  
the past, this approach exploits statistical parsing and robust coreference dete  
topic-related summaries using informativeness measures from the TIPSTER SI  
informativeness w ...

- 8 A multilingual news summarizer  
Hsin-Hsi Chen, Chuan-Jie Lin  
July 2000 Proceedings of the 17th conference on Computational linguistics - V  
Full text available:  pdf(511.10 KB) Additional Information: full citation, abstra

Huge multilingual news articles are reported and disseminated on the Internet  
save the reading time is a crucial issue. This paper proposes architecture of m  
monolingual and multilingual clustering, similarity measure among meaningful  
results. Translation among news stories, idiosyncrasy among languages, impli  
addressed.


- 9 Special issue on natural language generation: Generating natural langua  
sources  
Dragomir R. Radev, Kathleen R. McKeown  
September 1998 Computational Linguistics, Volume 24 Issue 3  
Full text available:  pdf(2.36 MB)  Publisher Site Additional Information: full citati

We present a methodology for summarization of news about current events in  
appropriate background (historical) information. The system that we develop  
developed for the DARPA Message Understanding Conferences to generate su  
or related events, presenting similarities and differences, contradictions, and c  
information. We describe the various components ...

## 10 Advantages of query biased summaries in information retrieval

Anastasios Tombros, Mark Sanderson

August 1998 Proceedings of the 21st annual international ACM SIGIR conference on information retrieval

Full text available:  pdf(1.12 MB)

Additional Information: full citation, references, citations

## 11 Clustering intrusion detection alarms to support root cause analysis

Klaus Julisch

November 2003

ACM Transactions on Information and System Security (TISSEC)

Full text available:  pdf(285.72 KB)

Additional Information: full citation, abstract, references

It is a well-known problem that intrusion detection systems overload their handlers with too many alarms per day. This paper presents a new approach for handling intrusion detection alarms. This approach is the notion that each alarm occurs for a reason, which is referred to as a root cause. The paper observes that a few dozens of rather persistent root causes generally account for most intrusion events ...

Keywords: Intrusion detection, cluster analysis, data mining, false positives, root cause analysis

## 12 Project notes and demos: Producing more readable extracts by revising text

Hidetsugu Nanba, Manabu Okumura

July 2000

Proceedings of the 17th conference on Computational linguistics - Volume 1

Full text available:  pdf(441.72 KB)

Additional Information: full citation, abstract, references



In this paper, we first experimentally investigated the factors that make extra-linguistic information in human subjects try to revise extracts to produce more readable ones. We then identified the factors which are related to cohesion, after which we devised revision rules for each factor that revises extracts.

## 13 Student session paper: Information fusion in the context of multi-document summarization

Regina Barzilay, Kathleen R. McKeown, Michael Elhadad

June 1999

Proceedings of the 37th conference on Association for Computational Linguistics



Full text available:  pdf(807.95 KB)  Publisher Site

Additional Information: full citation, abstract, references

We present a method to automatically generate a concise summary by identifying the most important sentences across related text from a set of multiple documents. Our approach is unique in that it reformulates the wording of the summary.

#### 14 A method for relating multiple newspaper articles by using graphs, and its

Naohiko Uramoto, Koichi Takeda

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This paper describes methods for relating (threading) multiple newspaper articles by using a directed graph. A set of articles is represented by vectors, and the similarity between the vectors is then calculated. The graph is constructed from constraints on the chronological ordering of articles, an efficient threading algorithm is proposed, and the results are evaluated. The results show that the proposed method is effective for relating multiple newspaper articles.

#### 15 Cut and paste based text summarization

Hongyan Jing, Kathleen R. McKeown

April 2000 Proceedings of the first conference on North American chapter of the Association for Computational Linguistics

Full text available:  pdf(764.73 KB)

Additional Information: full citation, abstract, references

We present a cut and paste based text summarizer, which uses operations defined on sentences to extract and merge resulting phrases together as coherent sentences. Our work includes a program that identifies where the phrases of a summary originate in the original summaries and articles which are summarized. The results show that the proposed method is effective for summarizing text.

#### 16 MiTAP, text and audio processing for bio-security: a case study

Laurie Damianos, Jay Ponte, Steve Wohlever, Florence Reeder, David Day, George J. Vassilakis  
July 2002 Eighteenth national conference on Artificial Intelligence

Additional Information: full citation, abstract, references, index terms

MiTAP (MITRE Text and Audio Processing) is a prototype system available for use in other global events. MiTAP focuses on providing timely, multi-lingual, global information to individuals involved in humanitarian assistance and relief work. Multiple information sources are automatically captured, filtered, translated, summarized, and categorized by content and organization. The results show that the proposed method is effective for processing text and audio information.

#### 17 Temporal summaries of new topics

James Allan, Rahul Gupta, Vikas Khandelwal

September 2001 Proceedings of the 24th annual international ACM SIGIR conference on Information retrieval

Full text available:  pdf(146.56 KB)

Additional Information: full citation, abstract, references

We discuss technology to help a person monitor changes in news coverage over time by extracting a single sentence from each event within a news story to a time and sentences from a story must be ranked before the next story can be evaluated, and describe an evaluation corpus that we have built. We also propose temporal summaries and evaluation metrics.

Keywords: experimental design, metrics, summarization

**18 Technical papers: Towards topic-based summarization for interactive doc**

Achim Hoffmann, Son Bao Pham

October 2003

Proceedings of the international conference on Knowledge ca

Full text available:  pdf(120.31 KB)

Additional Information: full citation, abstract, refer

Our research aims at interactive document viewers that can select and highlig  
Another related objective is the generation of topic-specific summaries of text  
summaries. This paper introduces our notions of *discourse structure tree* and  
to represent relevant aspects of a text segment for the above mentioned purp  
Knowledge Acquisition Frame ...

Keywords: knowledge acquisition, natural language processing

**19 Introduction to the special issue on summarization**

Dragomir R. Radev, Eduard Hovy, Kathleen McKeown


December 2002 Computational Linguistics, Volume 28 Issue 4

Additional Information: full citation, references, index terms

**20 Industry track papers: Mining intrusion detection alarms for actionable kn**

Klaus Julisch, Marc Dacier

July 2002 Proceedings of the eighth ACM SIGKDD international conference on Kn

Full text available:  pdf(1.05 MB)

Additional Information: full citation, abstract, references




In response to attacks against enterprise networks, administrators increasingl  
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given rise to another difficult problem, namely the handling of a generally larg  
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# 1 Experiences in mining aviation safety data

Zohreh Nazeri, Eric Bloedorn, Paul Ostwald

May 2001 ACM SIGMOD Record , Proceedings of the 2001 ACM SIGMOD international  
Volume 30 Issue 2

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The goal of data analysis in aviation safety is simple: improve safety. The goal is hard to identify. What data mining methods are most appropriate and how should they be analyzed? How do we focus on the answers to these questions are based on a recent research project. Encouraging news is that we found a number of aviation safety data to collect and analyze safely ...

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... Experiences in **Mining Aviation Safety Data**, Zohreh Nazeri, Eric Bloedorn, Paul Ostwald. TUTORIALS. Title, Author(s). Semantic B2B Integration, Christoph Bussler. ... [www.cs.ucsb.edu/conferences/sigmod2001/sigprog.html](http://www.cs.ucsb.edu/conferences/sigmod2001/sigprog.html) - 45k - [Cached](#) - [Similar pages](#)

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## 10091932\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10091932 on June 08, 2004

- 16 707/3 (9 OR, 7 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING  
707/3 ..Query processing (i.e., searching)
- 11 707/4 (3 OR, 8 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING  
707/3 ..Query processing (i.e., searching)  
707/4 ..Query formulation, input preparation, or  
translation
- 9 707/2 (4 OR, 5 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING  
707/2 ..Access augmentation or optimizing
- 9 707/5 (4 OR, 5 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING  
707/3 ..Query processing (i.e., searching)  
707/5 ..Query augmenting and refining (e.g., inexact  
access)
- 8 707/102 (2 OR, 6 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/100 DATABASE SCHEMA OR DATA STRUCTURE  
707/102 ..Generating database or data structure (e.g.,  
via user interface)
- 8 707/6 (4 OR, 4 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING  
707/3 ..Query processing (i.e., searching)  
707/6 ..Pattern matching access

# 10091932\_CLSTITLES

7 707/1 (1 OR, 6 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING

7 707/101 (3 OR, 4 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/100 DATABASE SCHEMA OR DATA STRUCTURE  
707/101 .Manipulating data structure (e.g.,  
compression, compaction, compilation)

6 707/104.1 (0 OR, 6 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/100 DATABASE SCHEMA OR DATA STRUCTURE  
707/104.1 .Application of database or data structure  
(e.g., distributed, multimedia, image)

4 707/7 (2 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING  
707/7 .Sorting

2 370/238 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL  
370/235 .Flow control of data transmission through a  
network  
370/238 ..Least cost or minimum delay routing

2 370/392 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/389 .Switching a message which includes an address  
header  
370/392 ..Processing of address header for routing, per  
se

2 704/9 (1 OR, 1 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION

10091932\_CLSTITLES

704/1 LINGUISTICS  
704/9 .Natural language

2 705/26 (0 OR, 2 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
PRACTICE OR MANAGEMENT ARRANGEMENT  
705/26 .Electronic shopping (e.g., remote ordering)

2 705/3 (1 OR, 1 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
PRACTICE OR MANAGEMENT ARRANGEMENT  
705/2 .Health care management (e.g., record  
management, ICDA billing)  
705/3 ..Patient record management

2 705/4 (1 OR, 1 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
PRACTICE OR MANAGEMENT ARRANGEMENT  
705/4 .Insurance (e.g., computer implemented system  
or method for writing insurance policy, processing  
insurance claim, etc.)

2 706/45 (0 OR, 2 XR)

Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE  
706/45 KNOWLEDGE PROCESSING SYSTEM

2 707/10 (0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING  
707/10 .Distributed or remote access

2 707/100 (0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/100 DATABASE SCHEMA OR DATA STRUCTURE

2 707/103R (1 OR, 1 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE



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MANAGEMENT OR DATA STRUCTURES

707/100 DATABASE SCHEMA OR DATA STRUCTURE

707/103R .Object-oriented database structure

2 707/200 (1 OR, 1 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES

707/200 FILE OR DATABASE MAINTENANCE

2 707/201 (2 OR, 0 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES

707/200 FILE OR DATABASE MAINTENANCE

707/201 .Coherency (e.g., same view to multiple users)

2 709/218 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/217 .Remote data accessing

709/218 ..Using interconnected networks

2 709/224 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/223 .Computer network managing

709/224 ..Computer network monitoring

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6185560  
5797839  
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6584462  
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5870739  
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vecto

The "AND" operator is unnecessary -- we include all search terms by default.

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... MITRE Corporation {neal, esharris, **bloodorn**}@mitre.org The use ... a variant of this **vecto** on the ... to identify similar accidents **based** on a textual ...  
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The MITRE Corporation. ...

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... December 2000. Dr. **Eric Bloodorn**, The MITRE Corporation. ABSTRACT. In this presentatio  
experiences in applying data mining techniques to ...

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... Focusing on the Data in Data Mining: Lessons from Recent Experience Neal J. Rothleder, Ear  
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... Artificial Intelligence. Scientific American , September:8082. Mani, Inderjeet and **Eric Blood**  
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records of accidents and incidents By **Eric Bloodorn** 4 ...

www.mitre.org/news/the\_edge/august\_00/8\_00.pdf - Text Version



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The use of data mining is growing rapidly. The number ...  
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... Mining for Improving Intrusion Detection presented by: Dr. **Eric Bloedorn** Team members:  
Alan Christiansen, Dr. Clem Skorupka, Dr. Lisa Talbot ...  
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Center, The MITRE Corporation Gerard Eldering, Technology ...  
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